

STATION 1

1. Osteon is the fundamental functional unit of compact bone consisting of one central canal, its contents and associated concentric lamellae and osteocytes. The 3 lamellae are concentric, circumferential, interstitial lamellae.
2. Vitamin D is required for calcium absorption and bone mineralization, Vitamin C is required for collagen formation. Vitamin D deficiency is called rickets, and vitamin C deficiency is called scurvy.
3. Shoulder joint.

STATION 2

1. C – supination
2. D- flexion
3. E- extension
4. A- opposition

STATION 3

1. D- 1,5,2,4,3
2. E- Attached to filaments that form the M line
3. D- K⁺ moves to the outside of the cell

STATION 4

1. A-Aerobic respiration
2. D-Antagonists
3. C- sternocleidomastoid
4. A- biceps brachii

STATION 5

A

Masseter

B

1. Zygomaticus major
2. Zygomaticus minor
3. Depressor anguli oris
4. Buccinator
5. Levator labii superioris
6. Levator labii superioris alae nasi
7. Orbicularis oculi

STATION 6

1. Parietal bone
2. Coronal suture
3. Sphenoidal bone
4. Lacrimal bone
5. Maxilla
6. Zygomatic bone
7. Occipital bone
8. Lambdoid suture
9. Temporal bone

STATION 7

A.

1. Medial (deltoid) ligament of ankle
2. plantar calcaneonavicular ligament(spring)
3. long plantar ligament
4. calcaneal tendon(Achilles)

B.

1. Talus
2. calcaneus
3. Cuboid
4. navicular bone
5. cuneiform bones
6. sesamoid bone
7. Calcaneus
8. phalanges
9. Metarsal bones
10. navicular

STATION 8

- 1.Temporalis
- 2.Masseter
- 3.Sternohyoid
- 4.sternocleidomastoid
- 5.pectoralis major
- 6.serratus anterior
- 7.external abdominal oblique
- 8.brachioradialis
- 9.lumbricals
- 10.iliopsoas
- 11.pectineus
- 12.adductor longus
13. adductor magnus
- 14.sartorius
- 15.gastrocnemius
- 16.soleus
- 17.extensor hallucis longus
- 18.extensor digitorum longus
- 19.tibialis anterior
- 20.quadriceps femoris
- 21.tensor fascia lata
- 22.flexor carpi ulnaris
- 23.palmaris longus
24. flexor carpi radialis
- 25.flexor digitorum superficialis
- 26.rectus abdominis
- 27.triceps
- 28.brachialis
- 29.biceps brachii
- 30.deltoid
- 31.trapezius
- 32.orbicularis oris
- 33.orbicularis oculi
- 34.frontalis

STATION 9

- 1.Occipitalis
- 2.trapezius
- 3.deltoid
- 4.latissimus dorsi
- 5.External abdominal oblique
- 6.flexor carpi ulnaris
7. gluteus maximus
- 8.vastus lateralis
- 9.gastrocnemius
- 10.soleus
- 11.adductor magnus
- 12.gracilis
- 13.achilles tendon
- 14.fibularis longus
- 15.semimebranosus
- 16.semitendinosus
- 17.biceps femoris
- 18.extensor pollicis brevis
- 19abductor pollicis longus
- 20.extensor digitorum
- 21.brachioradialis
- 22.triceps brachii
- 23.teres major
- 24.teres minor
- 25.sternocleidomastoid
- 26.temporalis

STATION 10

A

- 1.Iliofemoral ligament
- 2.pubofemoral ligament
- 3.iliofemoral ligament
- 4.ischiofemoral ligament

STATION 10

B.

1. Anterior cruciate ligament
2. politeus ligament
3. fibular collateral ligament
4. lateral meniscus
5. transverse ligament of knee
6. tibial collateral ligament
7. lateral meniscus
8. anterior cruciate ligament
9. posterior cruciate ligament
10. posterior cruciate ligament

STATION 11

1. Lateral condyle
2. Apex, head and neck of fibula
3. Fibula
4. Lateral malleolus
5. Medial malleolus
6. Tibia
7. Tibial tuberosity
8. Medial condyle
9. Superior articular surfaces
10. Malleolar fossa of lateral malleolus

